

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

1,962
A2M66

UNITED STATES
DEPARTMENT OF AGRICULTURE
LIBRARY



1.962

BOOK NUMBER

A2M66

584755

2 FO 8-7671

1.962
A2M66

X Miniature Mill Saws Boards from Six-Inch Logs

A working miniature model of a full-sized sawmill, constructed for training purposes, was demonstrated here recently before a group of Washington members of the Forest Service, U. S. Department of Agriculture.

The miniature mill, complete in every detail, is operated by a single one-horsepower electric motor and turns out rough lumber from logs up to 6 inches in diameter.

Small enough to be stored in the trunk of an automobile, the contrivance can be set up and placed in operation in an ordinary room, equipped with an electric floor plug, in less than an hour, and can be dismantled in about 16 minutes.

When a log is placed on the moving carriage of the machine, metal "dogs" no bigger than your little finger bite into the wood and hold the round surface while the saw slices off slabs and boards of any size desired with the ease and accuracy of the mill's big brothers in the forest. The metal "dogs" are exact replicas of the giant arms that hold and turn mammoth logs in west coast sawmills. The log carriage is controlled by a lever smaller than a lead pencil.

As a training aid, the model mill is expected to be of great value in teaching young foresters and prospective mill operators the intricacies of sawmill operation. It can be used to drive home to them mill nomenclature and layout, adjustment, safety, and certain phases of "sawing for grade."

Reports from Philadelphia, headquarters for Forest Service Region 7 where the miniature mill was developed, are that the machine has attracted widespread interest among State foresters, small mill operators and others concerned with forestry and woods operations. Foresters have found it valuable also in demonstrating the advantages of better milling practices and a help in "selling" forestry and conservation.

the first time in the history of the world, the
whole of the human race has been gathered
together in one place, and that is the
present meeting of the World's Fair.
The great number of people here
from all parts of the world, and the
large amount of money spent by them,
will be a great stimulus to the
development of the country, and will
help to bring about a new era of
prosperity and happiness for all.



